

DAS
6
9-89

APR 30 2018

May 30

Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D350-578-013
Job Sheet 176636

Part No: D350-578-013

Job Qty: 4 ea

Part Name: AS350/AS355 Bearpaws - Flat Top

DAS
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9-89

MAY 08 2018

Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/26/18

Job Tracking No:

Due Date: 5/30/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV H SHEET 12 IPP REV:A 11.01.04 NEW ISSUE VERF:JLM IPP Rev:B 11.03.03 AS PER DSI9539
REV.B DD verf:EC IPP REV:C 15.03.30 JLM VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea		5/30/18	0.00	0.00	Start Up Stores/Pkg-2		5/8/2018
105	Packaging	4 pcs		5/30/18	0.00	0.00	Packaging1-3		MAY 16 2018
110	QC	4 pcs		5/30/18	0.00	0.00	QC4		SMB
115	DC	4 pcs		5/30/18	0.00	0.00	DC		
120	Packaging	4 pcs		5/30/18	0.00	0.00	Packaging3-1		SMB
130	QC21-FG	4 Ea		5/30/18	0.00	0.00	QC21		

Part Op 115 - Photocopy bluefile and type labels per PPP D350-578-013 CHG002
Descriptions: 120 - Identify and pack for shipping as per PPP D350-578-013 Location :FG072DAS
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9-89

MAY 16 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-16A	Bolt	36 48 Ea (12 ea)	90-Start up Operation	5062622 X15 5068654 X33
D2529	Washer	36 48 Ea (12 ea)	90-Start up Operation	5019348 X3 5068488 X15
D3601-1	Radius Block	36 48 Ea (12 ea)	90-Start up Operation	5067124
D4011-1	Clamp, Short	18 24 Ea (6 ea)	90-Start up Operation	5059047 X22
D4012-1	Cushion	18 24 Ea (6 ea)	90-Start up Operation	5044252
D4297-1	Bearpaw	6 2 Ea (2 ea)	90-Start up Operation	5066151
MS21042L4	Nut	36 48 Ea (12 ea)	90-Start up Operation	5056039
NAS1149D0463J	Washer	72 96 Ea (24 ea)	90-Start up Operation	5055952

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN4-16A	48	239	0
	D2529	48	2,249	0
	D3601-1	48	117	0
	D4011-1	24	88	0
	D4012-1	24	179	0
	D4297-1	8	4	0
	MS21042L4	48	3,097	0
	NAS1149D0463J	96	6,062	0

Part Specifications

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	

Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER : _____			



Specifications could not be found.

Plex 4/26/18 1:50 PM Dart.lajeunesse.marie

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								



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Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
003094	S062622	AN4-16A	Bolt		ST343	15
003094	S071518	AN4-16A	Bolt	s068654	ST343	33
003094	S019348	D2529	Washer	S019345	ST008	33
003094	S071523	D2529	Washer	s069485	ST008	15
003094	S067124	D3601-1	Radius Block	S067123	ST042	48
003094	S071520	D4012-1	Cushion	s044252	ST545	24
003094	S071684	D4297-1	Bearpaw	s066157	ST454	8
003094	S071521	MS21042L4	Nut	s056039	ST303	48
003094	S071522	NAS1149D0463J	Washer	s055952	ST263	96

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

Plex 5/16/18 7:25 AM dart.quirion.sonia

D4012-1 S059007

Change Record

PAGE 1 OF 1

Part Number: D350-578-013

Description: BEARPAW[illegible]

REFERENCE ONLY

5.0 PARTS LIST

5.1 D350-578-011/-013/-015/-017/-021 BEARPAW INSTALLATION

Qty -011	Qty -013	Qty -015	Qty -017	Qty -021	Qty -031	Part Number	Description
X						D350-578-011	BEARPAW INSTALLATION
	X					D350-578-013	BEARPAW INSTALLATION
		X				D350-578-015	BEARPAW INSTALLATION
			X			D350-578-017	BEARPAW INSTALLATION
				X		D350-578-021	BEARPAW INSTALLATION
					X	D350-578-031	WEARPLATE KIT
2						D2432F	Bearpaw
		2				D2432-3	Bearpaw
12	12	12	12	12		D2529	Washer
				2		D2672F	Bearpaw
12	12	12	12	12		D3601-1	Radius Block (Replaces D2274)
					2	D3859-041	Wearplate
6	6	6	6	6		D4011-1	Clamp (Replaces D2438)
6	6	6	6	6		D4012-1	Cushion (Replaces D2182B050)
	2					D4297-1	Bearpaw
			2			D4297-3	Bearpaw
12	12			12	12	AN4-16A	Bolt
		12	12		12	AN4-17A	Bolt
24	24	24	24	24	24	NAS1149D0463J	Washer
12	12	12	12	12	12	MS21042L4	Nut (or MS21042-4)

5.2 D350-578-111/-113/-115/-117/-121 BEARPAW INSTALLATION

Qty -111	Qty -113	Qty -115	Qty -117	Qty -121	Part Number	Description
X					D350-578-111	BEARPAW INSTALLATION
	X				D350-578-113	BEARPAW INSTALLATION
		X			D350-578-115	BEARPAW INSTALLATION
			X		D350-578-117	BEARPAW INSTALLATION
				X	D350-578-121	BEARPAW INSTALLATION
1					D350-578-011	Bearpaw Installation
	1				D350-578-013	Bearpaw Installation
		1			D350-578-015	Bearpaw Installation
			1		D350-578-017	Bearpaw Installation
				1	D350-578-021	Bearpaw Installation
1	1	1	1	1	D350-578-031	Wearplate Kit